Patent claims

1. A process for preparing Biostatin (TT 232) by means of peptide synthesis in solution, by synthesizing the peptide stepwise using protective group-derivatized amino acids, ~~characterized in that~~ wherein the disulfide bridge is closed by means of oxidizing the completely or partially synthesized peptide with iodine in the presence of a suitable solvent and the Biostatin is obtained after removing the solvent and, where appropriate, washing.

2. The process as claimed in claim 1, ~~characterized in that~~ wherein the oxidation is carried out before all the protective groups are eliminated.

3. The process as claimed in claim 1 ~~or 2~~, ~~characterized in that~~ wherein Ddz residues (3,5-dimethoxybenyl-α,α-dimethyloxy-carbonyl or [2(3,5-dimethoxyphenyl)-2-oxy-carbonyl]propyl) are used as protective groups for one or more of the amino acids.

4. A process for preparing Biostatin (TT 232) by means of peptide synthesis in solution, by synthesizing the peptide stepwise using protective group-derivatized amino acids, ~~characterized in that~~ wherein the disulfide bridge is closed by oxidizing the completely or partially synthesized peptide in the presence of a suitable solvent before eliminating all the protective groups and the Biostatin is obtained after removing the solvent and, where appropriate, washing.

5. The process as claimed in claim 4, Wherein ~~characterized in that~~ Ddz residues are used as protective groups for one or more of the amino acids.

6. A process for preparing Biostatin (TT 232) by means of peptide synthesis in solution, by synthesizing the peptide stepwise using protective group-derivatized amino acids, Wherein ~~characterized in that~~ the disulfide bridge is closed by oxidizing the completely or partially synthesized peptide in the presence of a suitable solvent and the Biostatin is obtained after removing the solvent and, where appropriate, washing, with Ddz residues being used as protective groups for one or more of the amino acids.